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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/531,220 | 04/13/2005 | Anton Werner Keller | PU02449 | 6989 |

24498 7590 01/10/2008
THOMSON LICENSING LLC
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| EXAMINER |
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DU, THUAN N

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| ART UNIT | PAPER NUMBER |
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2116

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| MAIL DATE | DELIVERY MODE |
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01/10/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/531,220

Applicant(s)

KELLER, ANTON WERNER

Examiner

Thuan N. Du

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 August 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. It is hereby acknowledged that the following papers have been received and placed of record in the file: Amendment (dated 8/06/07).
2. Claims 9-17 have been canceled. Claims 1-8 are presented for examination.

Drawings

3. The drawings were received on August 6, 2007. These drawings are acceptable.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Seidenberg, U.S. Patent No. 6,427,183 (U.S. Patent No. 6,427,183 was submitted by applicant) in view of Bedard et al. [Bedard], U.S. Patent No. 4,484,295.
6. Regarding claim 1, Seidenberg teaches a switch for applying operating power from a peripheral device power source to a peripheral device [col. 2, lines 10-11; col. 4, lines 39-46], the peripheral device being configured for communication with at least one other electronic device by a data bus, the switch including a circuit for sensing communication on said data bus and providing an indication of sensed communication to said peripheral device power source to apply

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power to said peripheral device in response to said sensed communication [col. 2, lines 12-31], wherein the switch has no power dissipation when no activity is present on the data bus [col. 5, lines 49-60, the switch circuit is actuated by the pull in of a relay, therefore, inherently, the switch circuit does not need power for its operation]. Seidenberg does not explicitly detail the structure of the switch. Bedard discloses that a switch comprising a transformer (14) having a first winding (14a) coupled to a bus (11) and a second winding (14b) coupled to a first switching transistor [Fig. 1; col. 3, lines 36-50]. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Seidenberg and Bedard because it would reduce the power consumption of the system by provide an isolation between the bus and the control circuit by the isolation transformer 14 taught by Bedard.

7. Regarding claim 2, Seidenberg teaches that the first switching transistor is brought from a non-conducting state to a conducting state in the presence of activity on the bus [col. 5, lines 50-58].

8. Regarding claims 3 and 4, Seidenberg teaches that the switch circuit further comprising a second switching transistor having an input coupled to a capacitor, wherein the second switching transistor is brought from a non- conducting state to a conducting state in response to a charge on said capacitor exceeding a threshold level when said first switching transistor is in said conducting state [col. 5, lines 19-34].

9. Regarding claims 5 and 7, Seidenberg teaches that the power supply is connected to the device independent of data bus [col. 2, lines 11-12]

10. Regarding claims 6 and 8, Seidenberg teaches a control input coupled to said power supply for receiving a control signal to cause said power supply to become inactive when there is

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no activity on the bus [col. 4, lines 36-38; col. 6, lines 20-33]. Bedard teaches a controller (12) of the device (load) is coupled to the power supply [Fig. 1].

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan N. Du whose telephone number is (571) 272-3673. The examiner can normally be reached on Monday-Friday: 7:30 AM - 4:00 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached at (571) 272-3676.

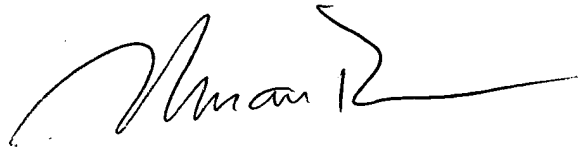
Central TC telephone number is (571) 272-2100.

The fax number for the organization is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

TD
December 22, 2007

A handwritten signature in black ink, appearing to read 'Tuan N. Du', with a long horizontal flourish extending to the right.

THUAN N. DU
PRIMARY EXAMINER